

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,111,755 B2  
APPLICATION NO. : 10/607513  
DATED : September 26, 2006  
INVENTOR(S) : Koyama et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**ON THE TITLE PAGE, AT ITEM (56), REFERENCES CITED:**

U.S. PATENT DOCUMENTS, insert:

--6,692,095 B1	2/2004	Marumoto et al.
5,936,644	8/1999	Ono et al.
2002/0167560 A1	11/2002	Fujimori
6,503,116 B1	1/2003	Suzuki et al.
6,839,312 B2	1/2005	Heylen et al.
2002/0145639 A1	10/2002	Masuda et al.--.

**ON THE TITLE PAGE, AT ITEM (56), REFERENCE CITED:**

FOREIGN PATENT DOCUMENTS, insert:

--1998-041649	8/1998	Korea
2000-043269	2/2000	Japan
2001-0082374	8/2001	Korea
2002-0007368	01/2002	Korea--.

**SHEET NO. 11 of 42:**

Figure 11, "NOZZL" should read --NOZZLE--.

**SHEET NO. 34 of 42:**

Figure 34, "FIST" should read --FIRST--.

**SHEET NO. 35 of 42:**

Figure 35, "COUN T:40" should read --COUNT:40--.

**COLUMN 6:**

Line 2, "of" should read --or--.

**COLUMN 13:**

Line 27, "and" should read --or--.

**COLUMN 22:**

Line 21, "514." should read --S514--.

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**COLUMN 32:**

Line 51, "discharding" should read --discharging--.

**COLUMN 33:**

Line 30, "liquid" should read --liquid from the--.

Line 53, "nozzle" should read --nozzles--.

**COLUMN 34:**

Line 27, "voltage" should read --voltage value--.

Line 63, "of the" should read --of--.

**COLUMN 35:**

Line 47, "changed" should read --changed,--.

**COLUMN 36:**

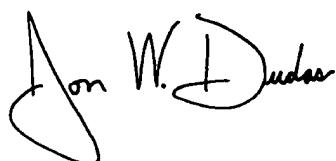
Line 15, "electro-emitting" should read --electron-emitting--.

Line 40, "claim 30; and" should read --claim 30, and--.

Line 47, "claim 31; and" should read --claim 31, and--.

Signed and Sealed this

First Day of April, 2008



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*